

AgentVI Video Analytics Integration

Professional Engineering Services

DVTel's Professional Engineering Services (PES) Group provides custom automation and operation and 3rd party integration to DVTel's intelligent Security Operations Center (iSOC) platform so that every DVTel solution has the ability to be tailored to meet the requirements of the customer.

AgentVI provides video analytics software. This integration is between AgentVI and DVTel's Latitude Network Video Management System (NVMS).

Monitor Video Analytics Alarms in Latitude NVMS

The AgentVI video analytics integration responds to any analytics rule defined in AgentVI and triggers an alarm for the camera involved.

Query for Archived Incidents

Latitude NVMS will tag, archive and maintain each and every incident originating from an analytics alarm. Through DVTel's ControlCenter, the user can manage analytics alarms and query for the recorded video streams at a future point.

View Analytics Alarm Snapshots

The integration creates a map in Latitude NVMS allowing users to view snapshots of the analytics incident containing the name of analytics rule violated, the camera recording the incident, the date and time of the incident in addition to a snapshot showing the moment from the incident.

The screenshot displays the DVTel iSOC ControlCenter interface. The main window is titled "DVTel-Analytics Map (2)" and shows a video feed of an office interior with a red bounding box indicating an analytics event. Below the video feed, the "DVTel-Analytics Alarm Summary" is displayed:

- Rule Violated: Motion Detector
- Camera: Camera 1 - 192.168.200.121 - 36
- Incident Date: Tue Jul 7 16:02:26 EDT 2009

The interface includes a "Navigation Tree" on the left with a list of cameras and maps. Below the tree is a "Query" section with fields for "Query type", "Search for", and "Select scene(s)". The "Time selection" section shows a date range from 7/6/2009 to 7/6/2009, with a time range from 12:00:00 AM to 2:01:19 PM. The "Alarms Pane" at the bottom displays a table of active alarms:

Name	Status	Priority	Time	Description
Analytics Alarm on Camera: Camera 1	Active	1	7/7/2009 4:06:19 PM	Motion Detector_BorderCross -
Analytics Alarm on Camera: Camera 1	Active	1	7/7/2009 4:05:14 PM	Motion Detector_BorderCross -
Analytics Alarm on Camera: Camera 1	Active	1	7/7/2009 4:03:12 PM	Motion Detector_BorderCross -
Analytics Alarm on Camera: Camera 1	Active	1	7/7/2009 4:02:49 PM	Motion Detector_BorderCross -
Analytics Alarm on Camera: Camera 1	Active	1	7/7/2009 4:00:49 PM	Motion Detector_BorderCross -
Analytics Alarm on Camera: Camera 1	Active	1	7/7/2009 4:00:26 PM	Motion Detector_BorderCross -
Analytics Alarm on Camera: Camera 1	Active	1	7/7/2009 3:59:46 PM	Motion Detector_BorderCross -
Analytics Alarm on Camera: Camera 1	Active	1	7/7/2009 3:58:36 PM	Motion Detector_BorderCross -
Analytics Alarm on Camera: Camera 1	Active	1	7/7/2009 3:57:46 PM	Motion Detector_BorderCross -
Analytics Alarm on Camera: Camera 1	Active	1	7/7/2009 3:57:28 PM	Motion Detector_BorderCross -
DVTel-Analytics Alarm #4	Active	1	7/7/2009 2:52:19 PM	Connection to Analytics Server Recovered -

The interface also shows system status at the bottom: iSOC 200.101, System Administrator, Memory Usage: 872M/3937M, Graphics Memory Usage: 5M/244M, CPU Usage: 5%.